

TSW

UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/823,618 Confirmation No. 5089

Applicant : M. TAKAHASHI et al

Filed : April 14, 2003

Title : STORAGE SYSTEM, METHOD OF CONTROLLING  
STORAGE SYSTEM, AND STORAGE DEVICE

TC/AU : 2186

Examiner : D.T. Tran

Docket No. : 500.43776X00

Customer No.: 24956

Commissioner for Patents  
Mail Stop DD  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT (IDS)**  
**UNDER § 1.97 AND § 1.98**

Sir:

1. This IDS should be considered:

(a) when filed within three months of the filing date of the present application, or within three months of the filing date of the National Stage as set forth in § 1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever occurs last;

(b) when filed before the mailing date of either a Final Rejection under § 1.113 or a Notice of Allowance under § 1.311, whichever occurs first and when 1(a) does not apply. For this purpose, there is included herein either a certification in section 4 below (included when indicated by a marked box), or a fee of \$180.00 (a Credit Card Payment Form in the amount of \$180.00 is enclosed, or if not see section 5 below);

(c) when filed prior to the payment of the Issue Fee, when 1(a)-(b) do not apply, and when a certification is included in section 4 below (included when indicated by a marked box); then the Applicant(s) hereby petition(s) and request(s) consideration of this IDS, and provided herewith is a fee of \$180.00 (a Credit Card

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Information Disclosure Statement  
dated November 7, 2005

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Payment Form in the amount of \$180.00 to cover the petition fee, or if not see section 5 below).

2. When 1(a)-(c) do not apply, then it is requested that this IDS be placed in the file.

3. Listing of the information submitted is on the attached Form PTO-1449, which forms a part of this IDS. A copy of each listed document is enclosed when needed.

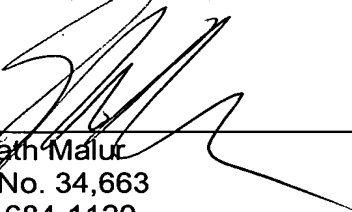
4. If a fee or additional fee is required, the Commissioner is hereby authorized to charge any fee or additional fee that may be required and credit any excess to Deposit Account No. 50-1417.

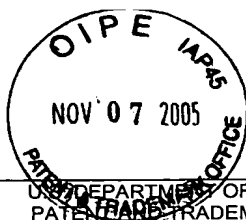
5. No explanation of relevancy is being provided for the following document(s) because each is either in the English language, discussed in the present Specification, or its relevance is as stated in a communication from a foreign patent office in a counterpart foreign application.

6. If the PTO determines that part(s) of the required content is inadvertently omitted, then it is requested that the Applicant(s) be given additional time and specific identification of such omission(s) to enable full compliance.

Respectfully submitted,

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.

By   
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FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT TRADEMARK OFFICE		ATTY. DOCKET NO. 500.43776X00		SERIAL NO. 10/823,618		
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT M. TAKAHASHI et al				
				FILING DATE April 14, 2003		GROUP 2186		
U.S. PATENT DOCUMENTS								
* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)	
	AA	2002/ 0103816	08/01/02	Ganesh				
	AB	2004/ 0260736	12/23/04	Kern				
	AC	2005/ 0050267	03/03/05	Yamamoto				
	AD	2005/ 0060507	03/17/05	Kasako				
	AE	2005/ 0071393	03/31/05	Ohno				
	AF	2005/ 0120093	06/02/05	Nakano				
	AG	2005/ 0188254	08/25/05	Urabe				
	AH	5,937,414	08/10/99	Souder				
	AI	6,643,750	11/04/03	Achiwa et al				
	AJ							
	AK							
FOREIGN PATENT DOCUMENTS								
		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AL						<input type="checkbox"/>	<input type="checkbox"/>
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)								
	AR							
	AS							
	AT							
EXAMINER				DATE CONSIDERED				